

# Waterfront Festival Park

Newport, Kentucky



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## AGENDA

REFINED PARK PROGRAM

ENGINEERING AND FLOODING ISSUES

REFINED CONCEPT SKETCH

REFINED CONCEPT PLAN

3D MODEL IMAGES

STAKEHOLDER DISCUSSION



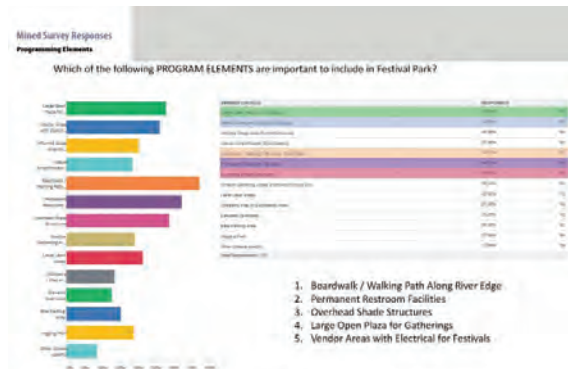
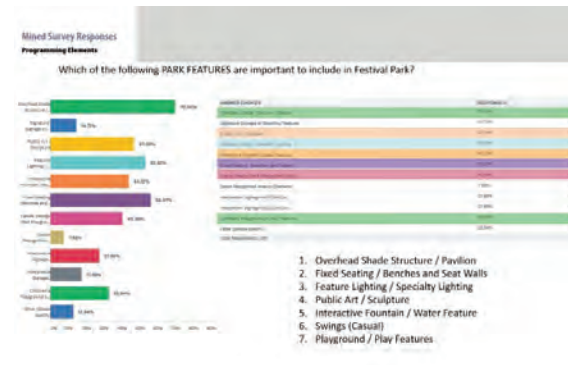
Newport, KY

Stakeholder Design Review  
September 22, 2021

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## Refined Program Elements

- Large USEABLE Open Lawn Areas
- 25' Wide Multi-Use Plaza / Roadway Circulation
- CLEAN UP of River Edge and Maintenance of River Edge / PARK
- 10' Multi-Use Pedestrian / Bicycle Pathway
- Permanent Restroom Facility / Storage / Office
- Large Open Plaza for Gatherings
- Smaller Gathering Areas
- Vendor Areas with Electrical
- Overhead Shade Structures
- Playground / Natural Play Features
- Performance Area / Stage and Seating Area
- Interactive Fountain / Water Feature
- Fixed Seating – Benches and Seat Walls
- Swings
- Landscaping for Shade / Riparian Conditions





## Engineering Issues and Flooding

### Flood Level & Siltation Analysis

#### ELEVATION LEVELS

Normal Water Pool Level ~ 24.6'

First Tier ~ 45-48'

Transition Tier ~ 48-56'

Second Tier ~ 56-60'

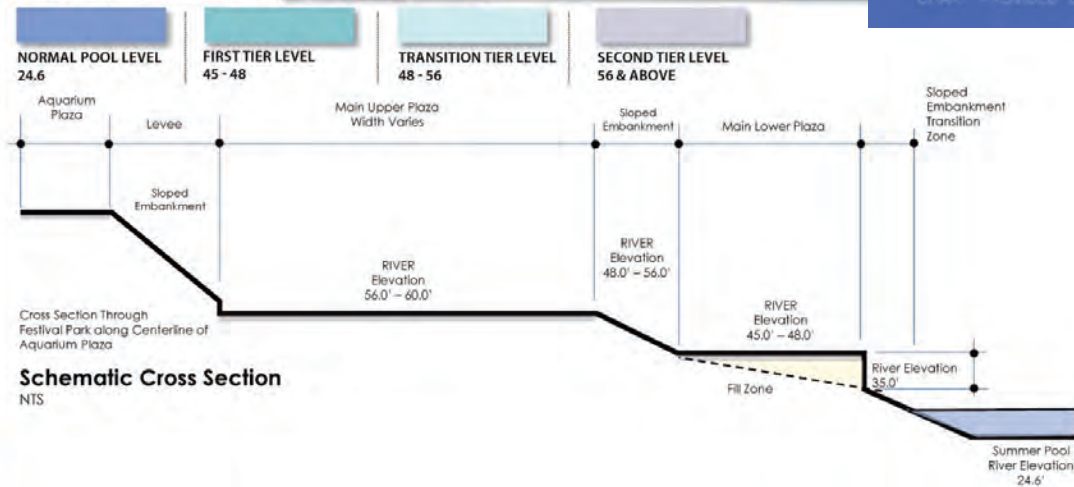
#### # OF OCCURENCES IN TIME FRAME

	Second Tier	Transition Tier	First Tier
1858 to 2020	51	142	163
2011 to 2020	2	12	15
2001 to 2010	1	6	8
1991 to 2000	3	9	10
1981 to 1990	0	7	9
1971 to 1980	2	10	11
1961 to 1970	6	11	12
1951 to 1960	3	8	9

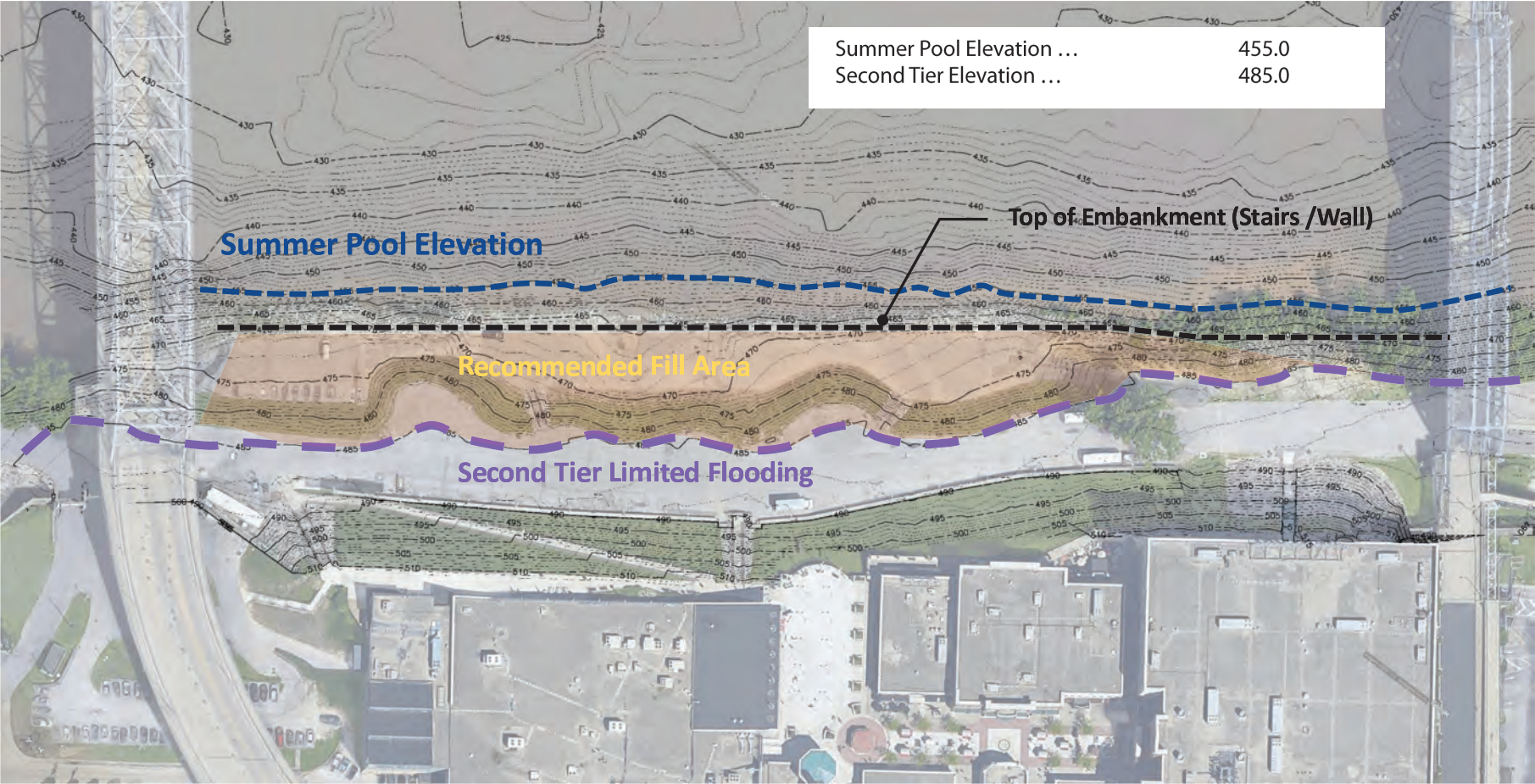


Flood Frequency	Elevation	Stage (428.67)
500 YEAR FLOOD	504.2	75.5
100 YEAR FLOOD	498.5	69.8
50 YEAR FLOOD	495.1	66.4
25 YEAR FLOOD	491.5	62.8
10 YEAR FLOOD	486.9	58.2
5 YEAR FLOOD	483.7	55.0
1 YEAR FLOOD	476.9	48.2
ORDINARY HIGH WATER	488.9	58.2
NORMAL POOL	454.3	25.0
LOW WATER	451.3	19.3

NOTE:  
CHART PROVIDED BY U.S. ARMY CORPS OF ENGINEERS

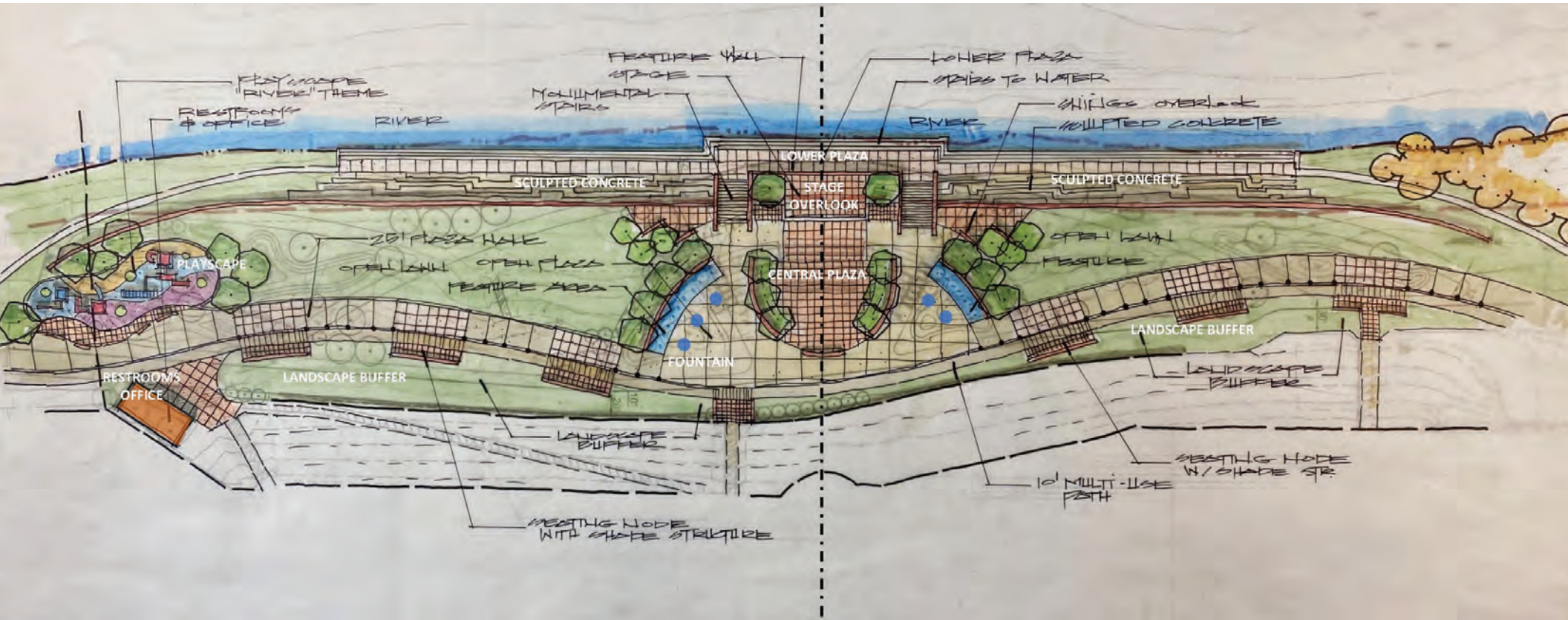


Engineering Issues and Flooding

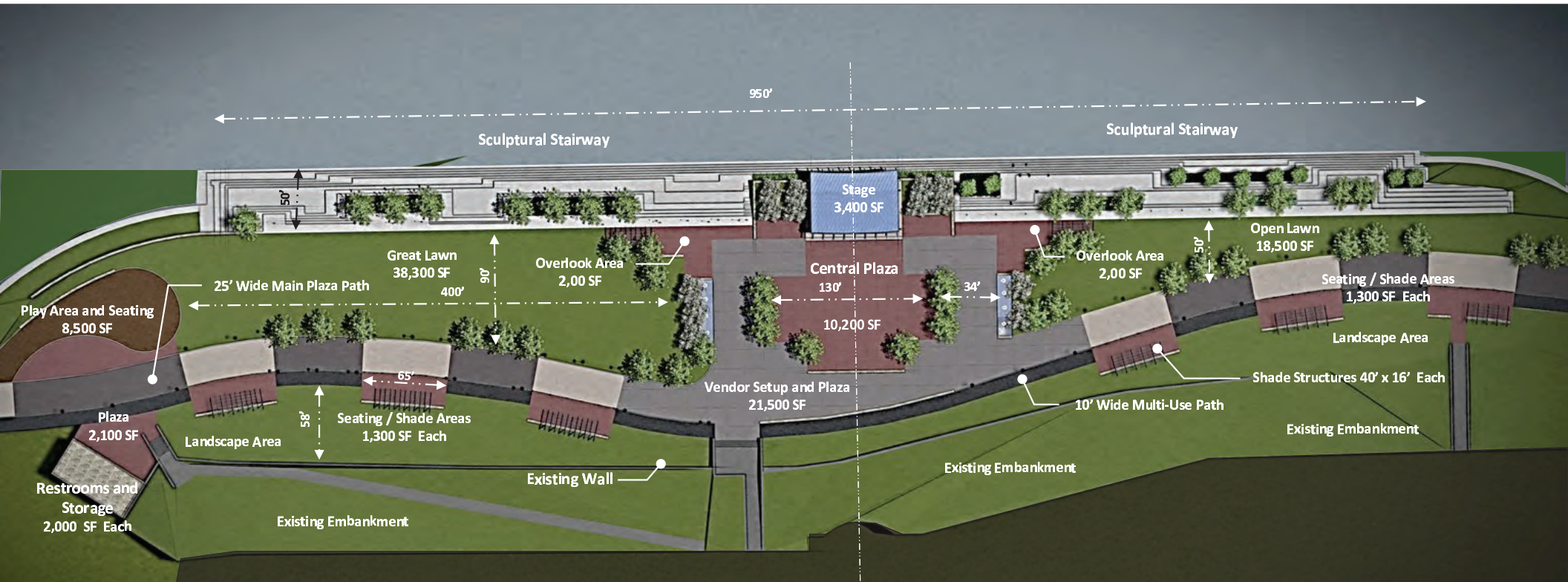




## Design Concept Review Sketch



## Refined Plan



### Statistics:

Open Lawn Areas – Level	56,800 SF	1.2 Acres
Stage	3,400 SF	
Central Plaza	10,200 SF	
Vendor Setup and Festival Plaza	21,500 SF	
Seating Areas with Shade Structures	11,800 SF	
Restrooms / Storage / Office	2,000 SF	

Restroom Plaza	2,000 SF
Play Area and Seating	8,500 SF
8 - Shade Structures (approx. 40' x 16')	
1 - Stage Canopy Structure (approx. 40' x 60')	
Fountain Areas Total	1,000 SF
Multi-Use Path	18,500 SF
Sculptural Stairway / River Edge	40,000 SF





Birdseye Perspective View





Birdseye Perspective View





Perspective View



Character Images and Programing

Fountains & Lighting

Grid Form



Calming



Interactive



Illuminated



Refreshing



Artistic



Guidance



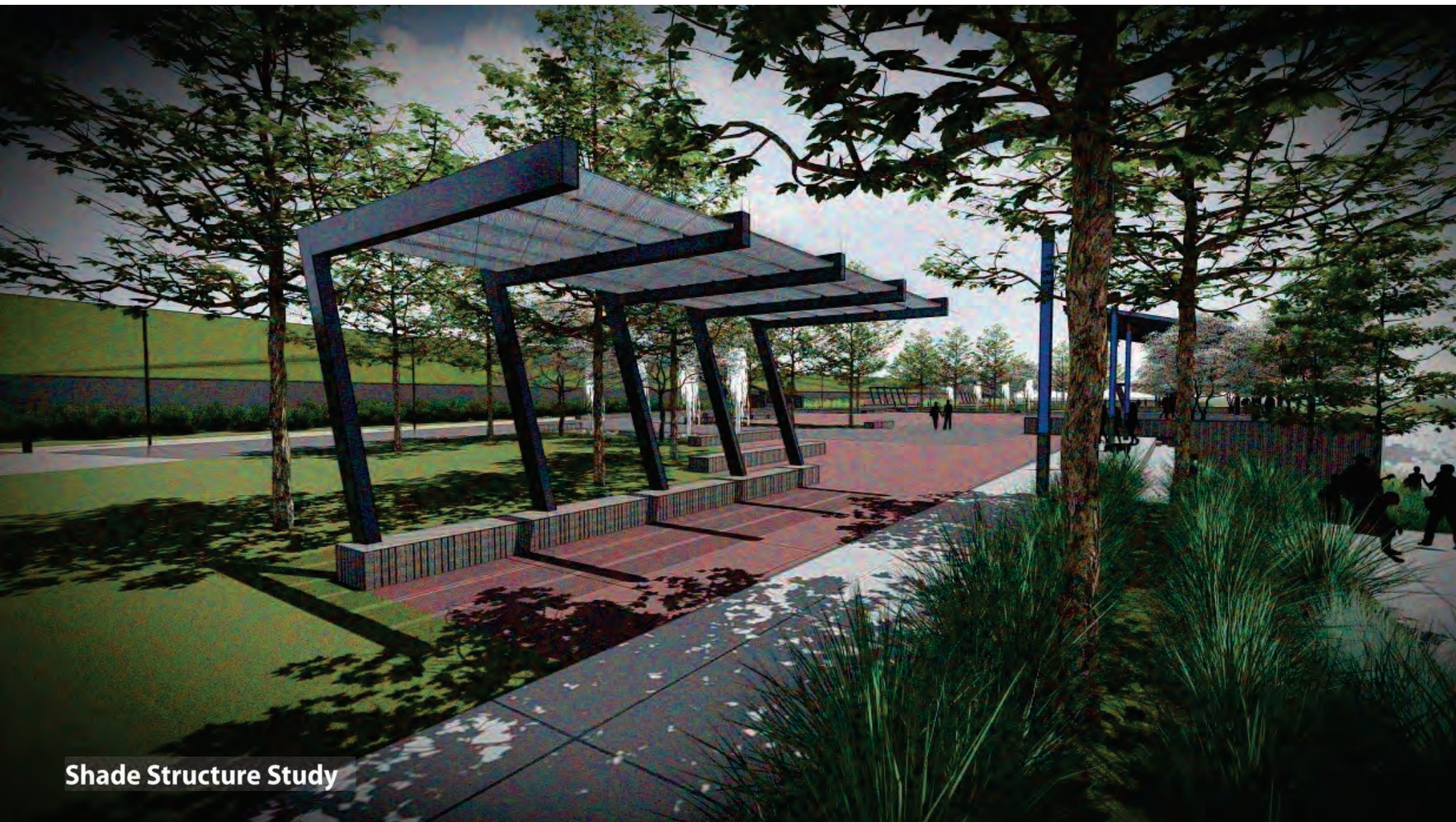
Defining



Intensity







Shade Structure Study





**Shade Structure Study**